

Approved for use through 10/31/2002. OMB 0651-0051
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/594,470
Filing Date	09/27/2006
First Named Inventor	Zychick, Joel
Group Art Unit	1792
Examiner Name	Bareford, Katherine A.

Attorney Docket Number

1047-031

PUBLISHED U.S. PATENT DOCUMENTS

Examiner Initials	Application or Patent Number	Name of Applicant or Patentee	Date of Publication
	6097530	Asher	1 August 2000
	4748220	Hartmann	31 May 1998
	2003/0103927	Maubru	5 June 2003
	5672656	Murayama	30 September 1997

FOREIGN PATENT DOCUMENTS

Examiner Initials	Application or Patent Number	Name of Applicant or Patentee	Date of Publication
	WO02/092652	Delair	21 November 2002
	KR20010095367A	Kim	7 November 2001
	JP56040758	Suzuki	17 April 1981

Examiner
SignatureDate
Considered

1

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.